

GT 134 PATCHING

MAIN FRAME

WORD	WORD DISPLAY	PARAMETER		BINARY	ANALOG	PB	
		NAME	LOCATION			+	-
S080M01 -	1-0-0	MF SYNC	1ST 8 BITS	01001100	—	+	—
S080M01 -	2-0-0	MF SYNC	2ND 8 BITS	11010111	—	—	—
S080M01	3-0-0	MF SYNC	3RD 8 BITS	10000010	—	—	—
S080M02	81-0-0	MF SYNC COMPL	1ST 8 BITS	10110011	—	—	—
S080M02	82-0-0	MF SYNC COMPL	2ND 8 BITS	00101000	—	—	—
S080M02	83-0-0	MF SYNC COMPL	3RD 8 BITS	01111101	—	—	—
L640M05 -- A001	5-0-0	EKG 1 ELECTROCARDIOGRAM	LEFT	VARYING	VARYING	8C7	8C8
L640M06 -- A002	6-0-0	EKG 2 ELECTROCARDIOGRAM	"	"	—	8C9	8C10
L080M31 -- A013	31-0-0	RESPIRATION RATE - DEPTH	"	"	—	8A9	8A10
L160M11 -- A007	11-0-0	BLOOD PRESSURE	"	"	—	4I7	8G5
L640M13 A009	13-0-0	PHONOCARDIOGRAM ELECTROCARDIOGRAM	FLIGHT ENGINEER	"	—	4I9	8G7
L640M08 A004	8-0-0	EKG 1 ELECTROCARDIOGRAM	RIGHT	"	—	8E7	8E8
L640M09 - A005	9-0-0	EKG 2 RESPIRATION	"	"	—	8E9	8E10
L080M32 - A014	32-0-0	RATE - DEPTH	"	"	—	8E5	8E6
L160M22 - A011	22-0-0	PHONOCARDIOGRAM	"	"	—	8A1	8G9
L160M23 - A012	23-0-0	BLOOD PRESSURE	"	"	—	8A2	8G10
L080M33 A015	33-0-0	MAP	DCS SYSTEM	"	—	—	—
L640M07 A003						4I5	8G3
L640M10 A006						4I6	8G4
L160M12 A008						4I8	8G6
L160M21 A010						4I10	8G8
L080M41 A016						8A3	8E4
L080M42 A017						8A4	8E3
L080M43 A018						8A5	8E2
L080M71 A019						8A6	8E1
L080M72 A020						8A7	8G1
L080M73 A021						8A8	8G2

PRIME SUBFRAME

		PARAMETER					
WORD	WORD DISPLAY	NAME	LOCATION	BINARY	ANALOG	PB	
H040P04 - A022	34-1-0	PITCH RATE	SPACE CRAFT RATES			9I7	9
H040P08 - A023	74-1-0	ROLL RATE	" "			9I8	10
H010P09 - A028	4-2-0	(Z) LONGITUDINAL	SPACE CRAFT ACCELERATIONS			8I5	3
H010P10 - A029	14-2-0	(X) LATERAL	" "			8I6	4
H020P12 - A025	34-2-0	HL POT-1 PITCH	ATTITUDE CONTROL	00011010	0.5V (10%)	9I10	11
H040P16 - A024	74-2-0	HL POT2 YAW RATE	SPACE CRAFT RATES	01001101	1.5V (30%)	9I9	12
H010P25 - A030	4-4-0	HL POT3 VERTICAL	SPACE CRAFT ACCELERATIONS	10000000	2.5 (50%)	8I7	5
H010P26 - A031	14-4-0	HL POT4 ROLL	ATTITUDE CONTROL	11000000	3.8 (76%)	8I8	6
H020P27 - A026	24-4-0	HL POT5 ROLL	ATTITUDE CONTROL	11111000	5.0 (100%)	8I3	1
H020P28 - A027	34-4-0	YAW	" "			8I4	2
H040P57 - A032	4-8-0	STATIC PRESSURES	SPACE CRAFT PRESSURES			8I9	7
H010P58 - A033	14-8-0					8I10	8

LOW LEVEL POT #1 - DEC. 10 - 4%

L12P17 - 00601	4-3-1	LOW LEVEL FULL SCALE	REFERENCE VOLTAGE ADAPTER (PCM)	00001010	0.8 MV	3A1	6
L42P50 - 00D09	14-7-1	LOW LEVEL ZERO REFERENCE	REFERENCE VOLTAGE (RV)			369	3
05D14	14-7-6	BATTERY & FC SECTION #2	DC BUS CURRENTS			3I4	2
10D19	14-7-11	BACK FACE ABLATION MATERIAL	HEAT SHIELD			3I9	4
15D24	14-7-16	SYS A TEMPERATURE SOURCE	PRESSURANT			4A4	5
L42P50 - 20D29	14-7-21			00001010	0.8	4A9	1

LOW LEVEL POT #2 - DEC. 50 - 20%

L12P17 - 01G02	4-3-2	RETRO PACK TEMPERATURE #1	RETRO ROCKETS CONDITION	00110010	4.0 MV	3A2	6
L12P50 - 01D10	14-7-2	STACK "B" CURRENT	SECTION 1 CONDITION (FC)			3610	3
-06D15	14-7-7	OUTER SKIN MAIN BATTERY	CONICAL SECTION			3I5	5
-11D20	14-7-12	NO.1 TEMPERATURE	BATTERY CONDITION			3I10	4
-16D25	14-7-17	SYS B TEMPERATURE SOURCE	PRESSURANT			4A5	2
L12P50 - 21D30	14-7-22	STACK "A" CURRENT	SECTION 1 CONDITION (FC)	00110010	4.0 MV	4A10	1

		PARAMETER					
WORD	WORD DISPLAY	NAME	LOCATION	BINARY	ANALOG	PB	
LOW		LEVEL	POT # 3	- DEC 89	35%		
L12P17 - 02G03	4-3-3	RETRO ROCKETS CONDITION	TEMPERATURE #2 RETRO PACKAGE	01011001	7.0 MV	3A3	6
L12P50 - 02D11	14-7-3	SECTION 2 CONDITION (FC)	STACK 'A' CURRENT	↑ ↓	↑ ↓	3I2	5
↑	↑	-07D16	14-7-8			3I6	4
↓	↓	-12D21	14-7-13			4A1	2
		-17D26	14-7-18			4A6	1
L12P50 - 22D31	14-7-23	HEAT EXCHANGER	COOLANT (PRI) H-X	01011001	7.0 MV	4C1	3
LOW		LEVEL	POT # 4	DEC. 170	-67%		
L12P17 - 03G04	4-3-4	RETRO ROCKET CASE TEMPERATURE	RETRO ROCKET CONDITION	10101010	13.4 MV	3A4	6
L42P50 - 03D12	14-7-4	STACK 'B' CURRENT	SECTION 2 CONDITION (FC)	↑ ↓	↑ ↓	3I2	5
↑	↑	-08D17	14-7-9			3I7	4
↓	↓	-13D22	14-7-14			4A2	3
		-18D27	14-7-19			4A7	2
L42P50 - 23D32	14-7-24			10101010	13.4 MV	4C2	1
LOW		LEVEL	POT # 5	DEC. 240	-94%		
L12P17 - 09G05	4-3-5	+6VDC REGULATED POWER	DCS SYSTEM	11110000	18.8 MV	3A5	6
L12P17 - 05G06	4-3-6	TEMP. TCA #9 INJECTOR HEAD	THRUSTER (TCA) CONDITION	↑ ↓	↑ ↓	3A6	5
L42P50 - 04D13	14-7-5	BATTERY FC SECTION #1	DC BUS CURRENTS			3I3	4
↑	↑	-09D18	14-7-10			3I8	3
↓	↓	-14D23	14-7-15			4A3	2
L42P50 - 19D28	14-7-20	BACK FACE ABLATION MATERIAL TEMPERATURE OXIDIZER FEED	HEAT SHIELD PROPELLANT CONDITION	11110000	18.8 MV	4A8	1

PARAMETER

WORD	WORD DISPLAY	NAME	LOCATION	BINARY	ANALOG	PB
LOW LEVEL POT #6				DEC 31 - 12%		
L12P18 - 00D01	14-3-1	LOW LEVEL FULL SCALE (PCM)	REFERENCE VOLTAGES (RV)	00011111	2.4 MV	3G1 7
L12P18 - 05D06	14-3-6	CABIN AIR TEMPERATURE	PRESSURIZED CABIN			3G6 6
L42P49 - 00G09	4-7-1	LOW LEVEL ZERO (PCM)	REFERENCE VOLTAGES (ADAPTER)			3A7 1
	-05G14					3C2 3
	-70G19	OUTLET OF COIL PLATE (SEC)	BATTERY-MODULATOR COOLANT TEMP			3C7 2
	-15G24	TEMP. REG. (HE)	PRESSURANT (HE)			3E2 4
		AT FUEL TANK	CONDITION			
L42P49 - 20G29	4-7-21	PACKAGE TEMP.	ADQUISITION AID BEACON	00011111	2.4 MV	3E7 5
LOW LEVEL POT #7				DEC 80 - 31%		
L12P18 - 01D02	14-3-2	SUIT INLET AIR TEMPERATURE (LEFT)	PRESSURE SUITS	01010000	6.2 MV	3G2 2
L12P18 - 06D07	14-3-7					3G7 1
L42P49 - 01G10	4-7-2	INLET TO COIL PLATE (SEC)	BATTERY-MODULATOR COOLANT TEMP.			3A8 7
	-06G15	OUTLET TEMPERATURE PRIMARY LOOP	COOLANT RADIATOR			3C3 3
	-11G20					3C8 4
	-16G25	TEMP REG. (HE)	PRESSURANT (HE)			3E3 6
		AT OXIDIZER TANK	CONDITION			
L42P49 - 21G30	4-7-22	INLET TO COIL PLATE (PRIMARY)	BATTERY MODULATOR COOLANT TEMP	01010000	6.2 MV	3E8 5
LOW LEVEL POT #8				DEC 110 - 43%		
L12P18 - 02D03	14-3-3	SUIT INLET AIR TEMPERATURE (RIGHT)	PRESSURE SUITS	01101110	8.6 MV	3G3 2
L12P18 - 07D08	14-3-8	REFERENCE FUNCTION TEMP.	REFERENCE VOLTS (RV)			3G8 1
L42P49 - 02G11	4-7-3	OUTLET OF -147	CONTROL VALVE COOLANT TEMP			3A9 7
	-07G16	OUTLET OF COIL PLATE PRIMARY	BATT MODULATOR COOLANT TEMP.			3C4 6
	-12G21	FUEL FEED TEMPERATURE	PROPELLANT CONDITION			3C9 5
	-17G26	PACKAGE TEMPERATURE	DCS SYSTEM			3E4 3
L42P49 - 22G31	4-7-23	PACKAGE TEMPERATURE	TRANSLIVER	01101110	8.6 MV	3E9 4

PARAMETER

WORD	WORD NUMBER	NAME	LOCATION	BINARY	ANALOG	PC		
LOW LEVEL POT #9 DEC. 145 - 57%								
L12P18-	03D04	14-3-4	INJECTOR HEAD TEMP. (TCA)	THRUSTER CONDITION (SYSA)	10010001	11.4 MV	3G4	6
L42P49-	03G12	4-7-4					3A10	1
	08G17	4-7-9					3C5	3
	13G22	4-7-14	TEMPERATURE OXIDIZER FEED	PROPELLANT CONDITION			3C10	2
	18G27	4-7-19	PACKAGE TEMPERATURE PRIMARY LOOP INLET	"S" BAND BEACON ADAPTER			3E5	4
L42P49-	23G32	4-7-24	TEMPERATURE	COOLANT RADIATOR	10010001	11.4 MV	3E10	5
LOW LEVEL POT #10 DEC. 230 - 90%								
L12P18-	04D05	14-3-5	INNER SKIN TEMPERATURE	PRESSURIZED CABIN	11100110	18.0 MV	3G5	5
L42P49-	04G13	4-7-5					3C1	2
	09G18	4-7-10	PUMP PACKAGE TEMPERATURE (PRIM)	COOLANT PUMPS			3C6	1
	14G23	4-7-15	(HE) TEMPERATURE SOURCE	PRESSURANT (HE) CONDITION			3E1	3
L42P49-	19G28	4-7-20	CASE TEMPERATURE PCM (MF)	TLM TRANSMITTERS	11100110	18.0 MV	3E6	4

PRIME SUB-FRAME - HARDWIRED WORDS & SYNC

PARAMETER

WORD	WORD DISPLAY	NAME	LOCATION	BINARY
SO10 P01	4-1-0	FIRST SYNC WORD	PRIME SUBFRAME SYNC	01101100
SO10 P01	14-1-0	SECOND SYNC WORD	" " "	11110000
SO10 P01	24-1-0	THIRD SYNC WORD	" " "	0000
SO10 P01	24-1-1 → 24	SUB COMMUTATION WORD 8LSB	SUB COMMUTATION ADD.	00000 → 10111
TO10 P11-A034	24-2-1	TIME SINCE LIFTOFF (ET) RCVR A	Time DCS	Variable
L12 P17-06G07	4-3-7	RCVR SIGNAL STRENGTH RCVR-B	DCS SYSTEM	"
L12 P17-07G08	4-3-8	RCVR SIGNAL STRENGTH FIRST 8LSB	DCS SYSTEM	"
L42 P61-00A107	44-8-1	TIME SINCE LIFT OFF (ET) SECOND - 8 BITS	Time DCS	"
L42 P61-00A107	54-8-1	TIME SINCE LIFT OFF (ET) THIRD - 8 BITS	Time DCS	"
L42 P61-00A107	64-8-1	TIME SINCE LIFT OFF (ET) FIRST - 8LSB	Time DCS	"
L42 P61-01A108	44-8-2	TIME TO (TR) SECOND 8 BITS	Time DCS	"
L42 P61-01A108	54-8-2	TIME TO (TR) THIRD 8 BITS	Time DCS	"
L42 P61-01A108	64-8-2	TIME TO (TR) FIRST 8LSB	Time DCS	"
L42 P61-03A110	44-8-4	OF COMPUTER WORD SECOND 8 BITS	Computer Modes	"
L42 P61-03A110	54-8-4	OF COMPUTER WORD THIRD 8 BITS	" " "	"
L42 P61-03A110	64-8-4	OF COMPUTER WORD	" " "	"

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Repeats the Computer Word

PARAMETERS

WORK	NAME	LOCATION	UNIT	ANALOG	PG		
HIGH LEVEL POT #6 DEC 0 0%							
H12P05- 00B41	44-1-1	O ₂ SUPPLY PRESSURE (ECS) NO1 - SEC. SYSTEM	OXYGEN STORAGE	00000001	0.0 V	10I1	4
H12P05- 04B45	44-1-5	SUIT PRESSURE (KT) (TO CABIN)	PRESSURE SUITS			10I5	3
H12P22- 00F49	54-3-1	DELTA PRESSURE-BAD PRIMARY LOOP	COOLANT RADIATOR			10C7	2
H12P22- 04F53	54-3-5	+28VDC REGULATE POWER	DCS SYSTEM			10E1	1
H12P39- 00A091	64-5-1	(OII) CATCH-UP	IGS COMPUTER MODE			9G1	6
H12P39- 09A095	64-5-5			00000001	0.0V	9G5	5
HIGH LEVEL POT #7 DEC. 69 27%							
H12P05- 01B42	44-1-2	O ₂ SUPPLY PRESSURE (ECS) NO.2 SEC. SYSTEM	OXYGEN STORAGE	01000101	1.35 V	10I2	4
H12P05- 05B46	44-1-6	CARBON-DIOXIDE PART. PRESSURE	PRESSURE SUIT			10I6	3
H12P22- 01F50	54-3-2	DELTA-PRESSURE(BAD) SEC. LOOP	COOLANT RADIATOR			10C8	1
H12P22- 05F54	54-3-6	+18VDC REGULATED POWER	DCS SYSTEM			10E2	2
H12P39- 01A092	64-5-2	(OII) CATCH-UP	IGS COMPUTER MODE			9G2	6
H12P39- 05A096	64-5-6			01000101	1.35V	9G6	5
HIGH LEVEL POT #8 DEC 138 54%							
H12P05- 02B43	44-1-3	(FWD COMP) CABIN PRESSURE	PRESSURIZED CABIN	10001010	2.7 V	10I3	4
H12P05- 06B47	44-1-7	PITCH OUTPUT (HE)	HORIZON SENSOR OPERATION			10I7	3
H12P22- 02F51	54-3-3	PRESSURE SOURCE +23VDC	PRESSURANT (HE) CONDITION			10C9	1
H12P22- 06F55	54-3-7	REGULATED POWER DELTA PRESSURE-	DCS SYSTEM			10E3	2
H12P39- 02A093	64-5-3	SUIT H-X PRIMARY	HEAT EXCHANGER	10001010	2.7V	9G3	6
H12P39- 06A097	64-5-7	DELTA PRESSURE - CABIN H-X PRIMARY	HEAT EXCHANGER	10001016	2.7V	9G7	5
HIGH LEVEL POT #9 DEC 205 80%							
H12P05- 03B44	44-1-4	SUIT PRESSURE-LEFT (TO CABIN)	PRESSURE SUITS	11001101	4.0 V	10I4	4
H12P05- 07B99	44-1-8	ROLL OUTPUT PRESSURE	HORIZON SENSOR OPERATION			10I8	3
H12P22- 03F52	54-3-4	REGULATED (HE) -6VDC	PRESSURANT (HE) OPERATION			10C10	1
H12P22- 07F56	54-3-8	REGULATED POWER	DCS SYSTEM			10E4	2
H12P37- 03A094	64-5-4	DELTA PRESS-LEFT-H-X(SEC)	HEAT EXCHANGER			9G4	6
H12P37- 07A098	64-5-8	DELTA PRESS-LEFT-H-X(SEC)	HEAT EXCHANGER	11001101	4.0V	9G8	5

HIGH LEVEL POT 10 Dec 17 7%

H12P21 - 00B49	44-3-1	HI LEVEL FULL SCALE	PCM	00010001	0.35V	1019	2
H12P21 - 04B53	44-3-5	PITCH GYRO TORQUE CURRENT	PLATFORM ORBITAL TORQUEING			9A3	6
H12P38 - 00F57	54-5-1	(RF) OUTPUT POWER	S BAND BEACON (ADAPTER)			10E5	3
H12P38 - 04F61	54-5-5	-	-			10E9	1
H12P55 - 00A099	64-7-1	-	-			9B9	4
H12P55 - 64A163	64-7-5	-	-	00010001	0.35V	9I3	5

HIGH LEVEL POT 11 DEC 87 34%

H12P21 - 01B50	44-3-2	SQUID BUS #2 VOLTAGE (ARMED)	DC BUS VOLTAGES	01010111	1.7V	10I10	2
H12P21 - 05B54	44-3-6	MAIN BUS VOLTAGE	DC BUS VOLTAGES			9A4	6
H12P38 - 01F5B	54-5-2	RECEIVER PRF	S BAND BEACON (ADAPTER)			10E6	3
H12P38 - 05F62	54-5-6	-	-			10E10	1
H12P55 - 01A160	64-7-2	IMU - TCA OUTPUT X-AXIS ACCL	TEMP CONTROL AMPLIFIERS			9G10	4
H12P55 - 05164	64-7-6	-	-	01010111	1.7V	9I4	5

HIGH LEVEL POT 12 DEC 154 66%

H12P21 - 02B51	44-3-3	SQUID BUS #2 VOLTAGE (ARMED)	DC BUS VOLTAGES	10011010	3.0V	9A1	5
H12P21 - 06B55	44-3-7	ROLL GYRO TORQUE CURRENT	PLATFORM ORBITAL TORQUEING			9A5	6
H12P38 - 02F59	54-5-3	B+ Voltage	HF TRANSCEIVER			10E7	1
H12P38 - 06F63	54-5-7	-	-			10G1	2
H12P55 - 02A161	64-7-3	-	-			9I1	4
H12P55 - 06A105	64-7-7	-	PRESSURIZED CABIN	10011010	3.0V	9I5	3

HIGH LEVEL POT 13 DEC 219 86%

H12P21 - 03B52	44-3-4	CONTROL BUS VOLTAGE	DC BUS VOLTAGES	11011011	4.3V	9A2	5
H12P21 - 07B56	44-3-8	YAW GYRO TORQUE CURRENT	PLATFORM ORBITAL TORQUEING			9A6	6
H12P38 - 03F60	54-5-4	RF Power	TLN TRANSMITTERS			10E8	1
H12P38 - 07F64	54-5-8	-	-			10G2	2
H12P55 - 03A162	64-7-4	-	-			9I2	4
H12P55 - 08A166	64-7-8	Type motion	PCM	11011011	4.3V	9I6	3

		HIGH LEVEL POT 14		Dec 33	73%		
H12P37-	00B57	44-5-1	HI-LEVEL ZERO REFERENCE	RV REFERENCE VOLTS	00100001	0.65	9A7 3
H12P37-	04B61	44-5-5	+27.2VDC	ZGS REGULATED POWER	↑	↑	9C1 6
H12P54-	00F65	54-7-1	-	-			10A5 1
H12P54-	04F69	54-7-5	WATER PRESSURE (BATT MOQ) (0011)	WATER SYSTEM TGS			10A4 2
H12P07-	00A075	64-1-1	PRE-LAUNCH	COMPUTER MODE	↓	↓	9C5 5
H12P07-	04A079	64-1-5					9C9 4

		HIGH LEVEL POT 15		Dec 102	40%		
H12P37-	01B58	44-5-2	ROLL (LAUNCH OR REND-REENTRY) PITCH	ATTITUDE ERROR	01100110	2.0V	9A8 3
H12P37-	05B62	44-5-6	LAUNCH OR REND REENTRY	ATTITUDE ERROR	↑	↑	9C2 6
H12P54-	01F66	54-7-2	-	-			10A6 1
H12P54	05F70	54-7-4	DELTA-PRESS PUMP PRIMARY LOOP	COOLANT PUMPS			10A3 2
H12P07-	01A076	64-1-2	PRE-LAUNCH		↓	↓	9C6 5
H12P07-	05A080	64-1-6	-	-			9C10 4

		HIGH LEVEL POT 16		Dec 173	68%		
H12P37-	02B59	44-5-3	YAW (LAUNCH OR REND-REENTRY) INLET PRESSURE	ATTITUDE ERRORS TGS	10101101	3.4V	9A9 3
H12P37-	06B63	44-5-7	+9.6VDC INLET PRESSURE	REGULATED POWER	↑	↑	9C3 4
H12P54-	02F67	54-7-3	PRIMARY LOOP DELTA PRESSURE PUMP	COOLANT PUMPS			10A7 1
H12P54-	06F71	54-7-7	SEC LOOP	COOLANT PUMPS			10A2 2
H12P07-	02A077	64-1-3	O2 MASS QTY PRIMARY SYSTEM IMU-TCA OUTPUT	OXYGEN STORAGE TEMP CONTROL	↓	↓	9C7 5
H12P07-	06A881	64-1-7	X-AXIS GYRO	AMPLIFIERS			9E1 6

		HIGH LEVEL POT 17		Dec 240	94%		
H12P37-	03B60	44-5-4	+35V DC	TGS REGULATED POWER	11110000	4.7V	9A10 3
H12P37-	07B64	44-5-8	ORAL-TEMPERATURE INLET PRESSURE	FLIGHT COMMANDER LEFT	↑	↑	9C4 4
H12P54-	03F68	54-7-4	SEC. LOOP	COOLANT PUMPS			10A8 1
H12P54-	07F72	54-7-8	-	-			10A1 2
H12P07-	03A078	64-1-4	-	-	↓	↓	9C8 5
H12P07-	07A082	64-1-B	-	-			9E2 6

HIGH LEVEL POT 18

DEC 51

20%

H12P53- 00B65	44-7-1	AC VOLTAGE	ACME	00110011	1.0V	1067	5
↑ ↓ -03B68	44-7-4	+20VDC	REGULATED POWER	↑	↑	10610	4
H12P53- 06B71	44-7-7	BIAS	ACME			1064	6
↑ ↓ -03F44	54-1-1	OR	REGULATED POWER			10A9	1
H12P06- 00F41	54-1-4	DIAL-TEMP.	FLIGHTENGINEER (RIGHT)			10C2	2
↑ ↓ -03F44	54-1-7	WATER-PUMP	WATER SYSTEM			10C5	3
H12P06- 06F47	54-1-7	INLET TO RV	WATER SYSTEM			9E3	9
↑ ↓ -03A083	64-3-1	010	IBS			9E6	8
H12P23- 00A083	64-3-4	ASCENT PRESSURE	COMPUTER MODE			9E9	7
↑ ↓ -03A086	64-3-7	REGULATED (SYSB)	PRESSURANT	00110010	1.0V		
H12P23- 06A089	64-3-7						

HIGH LEVEL POT 19

DEC 20

8%

H12P53- 01B66	44-7-2	AC FREQUENCY	ACME	00010100	0.4V	1068	4
↑ ↓ 04B69	44-7-5	-10VDC	REGULATED POWER	↑	↑	1066	5
H12P53- 07B72	44-7-8	BIAS	ACME			1063	6
↑ ↓ 01F42	54-1-2	EQP. COMP.	REGULATED POWER			10A10	1
H12P06- 01F42	54-1-5	AB PRESS (RH)	CONIC SECTION			10C3	2
↑ ↓ -04F45	54-1-8	O2 TANK PRESS	OXYGEN STORAGE			10C6	3
H12P06- 07F48	54-1-8	PRIMARY SYSTEM	WATER SYSTEM			9E4	9
↑ ↓ 01A084	64-3-2	WATER TEMP	HF			9E7	8
H12P23- 01A084	64-3-5	OUTLET TO RV	TRANSCIVER			9E10	7
↑ ↓ 04A087	64-3-8	AGS VOLTAGE	PRESSURANT	00010100	0.4V		
H12P23- 07A090	64-3-8	PRESSURE SOURCE					
		SYS B					

HIGH LEVEL POT 20

DEC 189

74%

H12P53- 02B67	44-7-3	+20V B+	ACME	10111101	3.7	1069	1
↑ ↓ 05B70	44-7-6	RADAR	REGULATED POWER	↑	↑	1065	2
H12P53- 05B70	44-7-6	ON/OFF	RADAR			10C1	4
↑ ↓ 02F43	54-1-3					10C4	3
H12P06- 02F43	54-1-6					9E5	6
↑ ↓ 05F46	64-3-3	PRESSURE	PRESSURANT			9E8	5
H12P23- 02A085	64-3-6	REGULATED (SYS A)	PRESSURANT	10111101	3.7		
H12P23- 05A088	64-3-6	PRESSURE SOURCE (SYS A)	PRESSURANT				